

WAMIS
Engineering Department,
Government of Odisha

User Manual for
e-Measurement Book (e-MB) and e-Billing

Version 1.1

Prepared By
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1 Awarding of Contract:

- 1.1. Login with wms credentials.
- 1.2. Go to **Works** → **Tendering** → **Awarding of Contract**. A new window will pop up showing list of works. Select Work for which awarding of contract has to be done.
- 1.3. Select Contractor, Agreement Date, Awarding Authority, Stipulated Period of Completion (in months or days).

Note: Select 'Detail' as Measurement Type for MB.

Fields marked with an asterisk * are required.

Contractor *	ABC(ASASA1956L78965412366)	
Agreement No *	213/852	
Work Order No *	213/852	
Agreement Date *	19/07/2020	
Awarding Authority *	Assistant Engineer	
Date Of Actual Commencement *	19/07/2020	
Work Period In Months *	12	
Stipulated Date Of Completion *	18/07/2021	
BG No.		
Issuing Bank		
Branch		
Amount		
Start Date		
End Date		
Agreement Type		
Work Cost *	165.00	Multiple COA Head 28-2210-05-105-2054-37137-000-23-1-1
Quotation in Amount/Percentage *	<input type="radio"/> Amount(Rs.) <input checked="" type="radio"/> Percentage(%)	
Quoted Amount	165.00	
Quoted % (Above/Below/At Par) *	<input type="radio"/> Above <input type="radio"/> Below <input checked="" type="radio"/> At Par	
Quoted Percent	0	
Final Quoted Amount	At Par 165.00	
Accepted Tender Other Than Lowest ?	<input checked="" type="radio"/> No <input type="radio"/> Yes	
Whether Excess Involved ?	<input checked="" type="radio"/> No <input type="radio"/> Yes	
Is Work / Mobilization Advance Applicable ? *	<input checked="" type="radio"/> No <input type="radio"/> Yes	
Is Equipment Advance Applicable ? *	<input checked="" type="radio"/> No <input type="radio"/> Yes	
Is Secure Advance Applicable ?	<input checked="" type="radio"/> No <input type="radio"/> Yes	
Whether Negotiation Done ?	<input checked="" type="radio"/> No <input type="radio"/> Yes	
Is Material Coefficient Required ?	<input type="radio"/> No <input checked="" type="radio"/> Yes	
Measurement Type *	<input type="radio"/> Abstract <input checked="" type="radio"/> Detail(E-MB)	
Remarks		

Save Cancel

2 MB Book Issue:

- 2.1. MB must be issue before entering records into MB. This can be done through EE Log-in. Division office can assign one JE per work for MB.
- 2.2. Go to **BILLING** → **BILL INFO** and Click on **MB Book Issue Entry**.
- 2.3. Click On **Add** to add an entry for MB book issue.

You are here / Billing / Measurement Info

Search Work

Parent Work Number	213/848
Parent Work Description	Test Bridge
Work Number	213/848/1
Work Description	Test Bridge

MB Issue

Sr. No.	Work Details	Recorded By(JE)	Measurement Book Number	Reported Date	Delete
No Record To Display					

Add ← Click on 'Add' to add an entry for MB Book Issue

- 2.4. Select JE and MB Issue Date. MB Book Details are auto generated with MB Book Number having format as Division Code/FY/Serial Number of MB Book .Click on **Save** to save the entry.

You are here / Billing / Measurement Info

View

Search Work

Parent Work Number	213/848
Parent Work Description	Test Bridge
Work Number	213/848/1
Work Description	Test Bridge

MB Issue

Fields marked with an asterisk * are required.

Person Recording The Measurement (Junior Engineer) *	--select--
Measurement Book Number *	TEST/2020-2021/1
MB Issue Date *	16/07/2020

Save **Cancel**

2.5. Save the details

You are here / Billing / Measurement Info

Record saved successfully.

Search Work

Parent Work Number	213/848
Parent Work Description	Test Bridge
Work Number	213/848/1
Work Description	Test Bridge

MB Issue

Sr. No.	Work Details	Recorded By(JE)	Measurement Book Number	Reported Date	Delete
1	Test Bridge	ARUN KUMAR SAMANTRAY	TEST/2020-2021/1	16/07/2020	

Add

3 MB Draft Measurements By JE:

- 3.1. Draft measurements can be entered by JE or contractor, which is decided during awarding of contract.
- 3.2. Login with JE and go to **BILLING** → **BILL INFO** and Click on **Mb Draft Measurement by JE**. Select Work and Click on **Enter Measurements**.
- 3.3. Enter Number of Items, its Length, Breadth and Depth or Height. Select Date of Measurement. Enter measurement details in Item Measurement For (optional). Documents can be uploaded by clicking on Upload (optional).
- 3.4. To add more measurement, click on **Add Measurements**.

Search Items									
Item Code:		Item Description:			Search		Clear		
BoQ Items									
Sr. No.	Item Code	Item Description	Agreement Quantity	Unit	Total Quantity as per Measurements	Enter Measurements	View Measurements	Edit Measurements	Finalize Item
1	1.2	Earth work in ordinary soil in embankment, roads,etc. within 50m. Initial lead and 1.5m. initial liftincluding rough dressing and breaking clods tomaximum 5cm. to 7cm. and laying in layers notexceeding 0.3m. in depth and as per specificationapproved by the department along with propercompaction with P.R.R. including hire and runningcharges of P.R.R. (section measurement to betaken on the finished compacted section of the fill).	10.0000	cum	320000.0000	+	-	✎	☐

- 3.5. To replicate any measurement value, Click on **Copy**.
- 3.6. **Return to Item Selection** button is provided to go to previous page.
- 3.7. To reset the page completely, use **Cancel**.

C-3-1-3 Cement concrete (1:3:6) with 4 Cm. size hard granite metal									
BoQ Rate		BoQ Quantity			Total Measurement Amount				
77.0		100.0			0.00				
Add Measurements									
Item Measurement For	Typical	Typical Measurements	No.	Length	Breadth	Depth	Quantity	Upload Document	Date of measurement
	<input type="checkbox"/>							Choose file No file chosen	15/07/2020
Add Measurements		Save	Cancel	Return to Item Selection			Total Quantity:		↑

To Replicate Measurements

- 3.8. To enter a Typical Measurement (complex measurements for which simple formula is not applicable) select **Typical** and then enter Formula. Select Date of Measurement and **Save**.

C-3-1-3 Cement concrete (1:3:6) with 4 Cm. size hard granite metal									
BoQ Rate		BoQ Quantity			Total Measurement Amount				
77.0		100.0			0.00				
Add Measurements									
Item Measurement For	Typical	Typical Measurements	No.	Length	Breadth	Depth	Quantity	Upload Document	Date of measurement
	<input checked="" type="checkbox"/>	3*3*	1.0000	1.0000	1.0000	1.0000	27	Choose file No file chosen	15/07/2020
Add Measurements		Save	Cancel	Return to Item Selection			Total Quantity: 27		↑

To Upload the file in .xls or .xlsx format for complex measurements

3.9. You can upload file containing complex measurements for your reference. File format must be .xls or .xlsx. Measurements can be added and edited until the items have not been finalized.

- To Finalize the items, select the items for which measurements have been recorded.
- After selecting items, click on **Finalize Selected Draft Measurements**.

Search Items									
Item Code:		Item Description:		Search	Clear				
BoQ Items									
■ Select All ■ Deselect All ■ Invert Selection									
Sr. No.	Item Code	Item Description	Agreement Quantity	Unit	Total Quantity as per Measurements	Enter Measurements	View Measurements	Edit Measurements	Finalize Item
1	1.2	Earth work in ordinary soil in embankment, roads,etc. within 50m. Initial lead and 1.5m. Initial lift(including rough dressing and breaking clods to maximum 5cm, to 7cm, and laying in layers notexceeding 0.3m. in depth and as per specification approved by the department along with propercompaction with P.R.R. including hire and runningcharges of P.R.R. (section measurement to betaken on the finished compacted section of the fill).	10.0000	cum	320000.0000	+	▣	Ⓖ	Ⓕ

Finalize Selected Draft Measurements

4 Generate RA Bill (By JE):

- 4.1. Go To **BILLING** → **BILL INFO** and click on **RA BILL** and click on **RA Bill Details**.
- 4.2. Select RA Bill Date.
- 4.3. Enter RA Bill No.
- 4.4. Enter CGST, SGST, IGST Percentage for Bill.Click on **Save** to generate the bill.

Search Work	
Parent Work Number	213/846
Parent Work Description	Test Road
Work Number	213/846/1
Work Description	Test Road
RA Bill Details	
Fields marked with an asterisk * are required.	
Whether Final Bill *	--select--
RA Bill Date *	
Multiple COA Head Selection *	--Select Head Combination--
RA Bill No. *	1
SGST Percent *	
CGST Percent *	
IGST Percent *	
Update Physical Status of Project *	
<input type="button" value="Save"/> <input type="button" value="Cancel"/>	

5 Record Entry Details:

5.1. Go to **BILLING** → **MEASUREMENT INFO** . Now Click on **Measurement Book**.

Items, which are to be considered for the Bill. **Save** and **Finalize** the Items.

- Before Finalizing e-MB, JE has to upload the photocopy of contractor's acceptance form duly signed by contractor and JE. After uploading contractor acceptance form, JE can download it.
- Please note , **if you are going to change any remarks or consider for bill then you must have to click on Save button first and then only you should Finalize the records.**

IMPORTANT, PLEASE NOTE:
 1. Please Save Data before moving to next/Previous Page . Data will not persist during Next/Previous Page during updation.
 2. No measurement values will be saved on Finalize. Once finalized, you can't modify any measurement values.
 3. Only .pdf file is allowed for contractor acceptance form, level book & graph sheet. File size should be less than 1 mb.

Finalize

Upload Contractor Acceptance Form

Contractor Acceptance Form No file chosen

Sr. No.	Item Code	Item Description	Measurement Date	Item Measurements For	Typical Measurements	No.	Length	Breadth	Depth	Quantity	Delete	Remarks
1	1.3	Earth work in ordinary soil in embankment, roads, etc. within 50m. Initial lead and 1.5m. Initial lift including rough dressing and breaking clods to maximum 5cm, to 7cm, and laying in layers not exceeding 0.3m. in depth and as per specification approved by the department including proper compaction with H.R.R. (section measurement to be taken in the finished compacted section of the fill).	15/07/2020	--	--	3.0000	3.0000	3.0000	3.0000	81.0000	<input type="button" value="Delete"/>	<input type="text"/>
2	1.2	Earth work in ordinary soil in embankment, roads, etc. within 50m. Initial lead and 1.5m. Initial lift including rough dressing and breaking clods to maximum 5cm, to 7cm, and laying in layers not exceeding 0.3m. in depth and as per specification approved by the department along with proper compaction with H.R.R. including hire and running charges of P.R.R. (section measurement to be taken on the finished compacted section of the fill).	15/07/2020	xyz	--	5.0000	5.0000	5.0000	6.0000	750.0000	<input type="button" value="Delete"/>	<input type="text"/>

5.2. Provision to upload Graph Sheet and Level Book is also provided.

Upload Graph Sheet/Level Book

Work Name : **Test Bridge**

Upload File Information

Sr.No	File Name	GraphSheet/LevelBook	Delete	Download
No Record To Display				

Upload Graph Sheet/Level Book

Fields marked with an asterisk * are required.
 Use Close button for closing window, otherwise page will not refresh.

Graph Sheet/Level Book *

Attach File * No file chosen

5.3. Click on RA Bill Details. If you want to check Bill items for particular bill, then find **Bill Items** column and click on it.

Since Items Are Present Against This Bill, Edit And Delete Are Disabled

Search Work

Parent Work Number: 213/848

Parent Work Description: Test Bridge

Work Number: 213/848/1

Work Description: Test Bridge

View RA Bill Details

Sr. No.	RA Bill No.	RA Bill Date	Edit	Delete	Bill Items	Royalty Calculation	Recoveries	MB Record	Update Bill	View Bill	Bill Info	Finalize
1	1	16/07/2020										

[Add](#) [View All](#)

5.4. Go Back to RA Bill Details and **Finalize** the Bill.

Note: RA Bill will be finalized only after the finalization of MB Book.

Search Work

Parent Work Number: 213/848

Parent Work Description: Test Bridge

Work Number: 213/848/1

Work Description: Test Bridge

View RA Bill Details

Sr. No.	RA Bill No.	RA Bill Date	Edit	Delete	Bill Items	Royalty Calculation	Recoveries	MB Record	Update Bill	View Bill	Bill Info	Finalize
1	1	16/07/2020										

[Add](#) [View All](#)

6 Log in with AE (Assistant Engineer):

- 6.1. Go to **BILLING** → **MEASUREMENT INFO** and click on **Measurement Book For AE**.
- 6.2. By Default measurements considered for bill by JE are shown here. We can modify the measurements as well as he can select the different items for consideration of bill.
- 6.3. To finalize the measurement book, 50% items must be checked by AE. For that, check the items from checkbox and click on **Check**.
- 6.4. The same thing has to be done to unselect the items for bill, uncheck the checkbox and click on **Check**.
- 6.5. **The measurement book will be finalized only if 50% items are checked by AE.**

IMPORTANT, PLEASE NOTE:
 1. Please Save Data before moving to next/ Previous Page - Data will not persist during Next/Previous Page during updation.
 2. No measurement values will be saved on Finalize. Once finalized, you can't modify any measurement values.

Finalize Check Contractor Acceptance Form

Final Measurements for AE

Sr. No.	Item Code	Item Description	Measurement Date	Item Measurements For	Typical Measurements	No.	Length	Breadth	Depth	Quantity	Is Hidden	50% Check For AE	Remarks	Download Uploaded Documents
1	1.2	Earth work in ordinary soil in embankment, roads, etc. within 50m. initial lead and 1.5m. initial lift including rough dressing and breaking clods to maximum 5cm. to 7cm. and laying in layers not exceeding 0.3m. in depth and as per specification approved by the department along with proper compaction with P.R.R. including hire and running charges of P.R.R. (section measurement to be taken on the finished compacted section of the fill).	16/07/2020	xyz	--	10.0000	20.0000	20.0000	20.0000	80000.0000	×	<input checked="" type="checkbox"/>		
2			16/07/2020	xyz	--	10.0000	20.0000	20.0000	20.0000	80000.0000	×	<input type="checkbox"/>		
3			16/07/2020	xyz	--	10.0000	20.0000	20.0000	20.0000	80000.0000	×	<input type="checkbox"/>		
4			16/07/2020	xyz	--	10.0000	20.0000	20.0000	20.0000	80000.0000	×	<input type="checkbox"/>		

- 6.6. Go to **Item measurements for SDO**, search work by Work Number **click on Details** . Before finalizing the bill, AE can change the quantity for the items in the bill.

RA Bill Items By AE

Fields marked with an asterisk * are required.

Sr. No.	BoQ Item No.	Item Description	Old Quantity	New Quantity
1	18	1.1. Earth work in ordinary soil within 50m, initial lead and 1.5m, initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per direction of the Engineer-in-charge per 100 cum.	10.0000000000	10.0000000000

- 6.7. Go to **Item measurements for SDO**, search work by Work Number and **Finalize** or **cancel** the bill if there are any changes or mismatch in measurement.

Note: Bill will be finalized only after the finalization of MB Book.

You are here / Billing / Bill Info

Search Work

Work Number: 213/848

Work Description:

View RA Bill Details By AE

Sr. No.	Work No	Work Description	RA Bill No	RA Bill Date	Details	Cancel	Update Bill	View Bill	Finalize	Remarks
1	213/848/1	Test Bridge	1	16/07/2020					<input checked="" type="checkbox"/>	

7 Log in with Auditor:

7.1. Go to **BILLING** → **MEASUREMENT INFO** and click on **Measurement Book Entry**.

7.2. It shows the items that are considered for bill by EE.

7.3. **Auditor** can save his remarks, download the contractor acceptance form, level book and graph sheet if uploaded and Finalize.

You are here / Billing / Measurement Info

Search Work

Parent Work Number: 213/848

Parent Work Description: Test Bridge

Work Number: 213/848/1

Work Description: Test Bridge

IMPORTANT, PLEASE NOTE:
 1. Please Save Data before moving to next/Previous Page . Data will not persist during Next/Previous Page during updation.
 2. No measurement values will be saved on Finalize. Once finalized, you can't modify any measurement values.

Finalize Contractor Acceptance Form Download Graph Sheet Download Level Book

Final Measurements for AU

Sr. No.	Item Code	Item Description	Measurement Date	Item Measurements For	Typical Measurements	No.	Length	Breadth	Depth	Quantity	AE remarks	Considered for bill by EE	Remarks	Download Uploaded Documents
1	1.2	Earth work in ordinary soil in embankment, roads, etc. within 50m. initial lead and 1.5m. initial (including rough dressing and breaking clods to maximum 5cm. to 7cm. and laying in layers not exceeding 0.3m. in depth and as per specification approved by the department along with proper compaction with R.R.R. including hire and running charges of R.R.R. (section measurement to be taken on the finished compacted section of the fill).	16/07/2020	xyz	--	10.0000	20.0000	20.0000	20.0000	80000.0000		<input checked="" type="checkbox"/>		
2			16/07/2020	xyz	--	10.0000	20.0000	20.0000	20.0000	80000.0000		<input checked="" type="checkbox"/>		
3			16/07/2020	xyz	--	10.0000	20.0000	20.0000	20.0000	80000.0000		<input checked="" type="checkbox"/>		
4			16/07/2020	xyz	--	10.0000	20.0000	20.0000	20.0000	80000.0000		<input checked="" type="checkbox"/>		

7.4. On click of Finalize, it will ask you to **Finalize to DAO or Estimator**.

IMPORTANT, PLEASE NOTE:
 1. Please Save Data before moving to next/Previous Page . Data will not persist during Next/Previous Page during updation.
 2. No measurement values will be saved on Finalize. Once finalized, you can't modify any measurement values.

Finalize Contractor Acceptance Form Download Graph Sheet Download Level Book

Finalize To

Finalize To Estimator DAO

Finalize

Final Measurements for AU

Sr. No.	Item Code	Item Description	Measurement Date	Item Measurements For	Typical Measurements	No.	Length	Breadth	Depth	Quantity	AE remarks	Considered for bill by EE	Remarks	Download Uploaded Document
1	1.2	Earth work in ordinary soil in embankment, roads, etc. within 50m. initial lead and 1.5m. initial (including rough dressing and breaking clods to maximum 5cm. to 7cm. and laying in layers not exceeding 0.3m. in depth and as per specification approved by the department along with proper compaction with R.R.R. including hire and running charges of R.R.R. (section measurement to be taken on the finished compacted section of the fill).	16/07/2020	xyz	--	10.0000	20.0000	20.0000	20.0000	80000.0000		<input checked="" type="checkbox"/>		
2			16/07/2020	xyz	--	10.0000	20.0000	20.0000	20.0000	80000.0000		<input checked="" type="checkbox"/>		
3			16/07/2020	xyz	--	10.0000	20.0000	20.0000	20.0000	80000.0000		<input checked="" type="checkbox"/>		
4			16/07/2020	xyz	--	10.0000	20.0000	20.0000	20.0000	80000.0000		<input checked="" type="checkbox"/>		

7.5. Go to **Item measurements for Auditor**, search work by Work Number and **Finalize the Bill**.

Note: Bill will be finalized only after the finalization of MB Book.

Search Work

Work Number: 213/848

Work Description:

filter Clear

View RA Bill Details By Auditor

Sr. No.	Work No	Work Description	RA Bill No	RA Bill Date	Details	Cancel	Update Bill	View Bill	Finalize	Remarks
1	213/848/1	Test Bridge	1	16/07/2020						

8 Log in with DAO:

- 8.1. If MB Book is finalized to DAO then Go to **BILLING** → **MEASUREMENT INFO** and click on **Measurement Book Entry**.
- 8.2. DAO can save his remarks, download the contractor acceptance form, level book, graph sheet if uploaded and Finalize.

IMPORTANT, PLEASE NOTE:
 1. Please Save Data before moving to next/Previous Page . Data will not persist during Next/Previous Page during updation.
 2. No measurement values will be saved on Finalize. Once finalized, you can't modify any measurement values.

Finalize Contractor Acceptance Form Download Graph Sheet Download Level Book

Sr. No.	Item Code	Item Description	Measurement Date	Item Measurements For	Typical Measurements	No.	Length	Breadth	Depth	Quantity	Auditor remarks	Considered for bill by EE	Remarks	Download Uploaded Documents
1	1.2	Earth work in ordinary soil in embankment, roads, etc. within 50m. initial lead and 1.5m. initial lift including rough dressing and breaking clods to maximum 5cm. to 7cm. and laying in layers not exceeding 0.3m. in depth and as per specification approved by the department along with proper compaction with P.R.R. including hire and running charges of P.R.R. (section measurement to be taken on the finished compacted section of the fill).	16/07/2020	xyz	--	10.0000	20.0000	20.0000	20.0000	80000.0000		✓		
2			16/07/2020	xyz	--	10.0000	20.0000	20.0000	20.0000	80000.0000		✓		
3			16/07/2020	xyz	--	10.0000	20.0000	20.0000	20.0000	80000.0000		✓		
4			16/07/2020	xyz	--	10.0000	20.0000	20.0000	20.0000	80000.0000		✓		

8.3. Go to **Item Measurements For DAO**, Search the work And Click On **Finalize the Bill**.

Note: Bill will be finalized only after the finalization of MB Book.

You are here / Billing / Bill Info

Search Work

Work Number: 213/848

Work Description:

filter Clear

View RA Bill Details By DAO

Sr. No.	Work No	Work Description	RA Bill No	RA Bill Date	Details	Cancel	Update Bill	View Bill	Finalize	Remarks
1	213/848/1	Test Bridge	1	16/07/2020						

9 Log in with Estimator:

9.1. If MB Book is Finalized to Estimator then Go to **BILLING** → **MEASUREMENT INFO** and click on **Measurement Book Entry**.

9.2. Estimator can save his remarks, download the contractor acceptance form, level book, graph sheet if uploaded and Finalize.

IMPORTANT, PLEASE NOTE:
 1. Please Save Data before moving to next/Previous Page . Data will not persist during Next/Previous Page during updation.
 2. No measurement values will be saved on Finalize. Once finalized, you can't modify any measurement values.

Contractor Acceptance Form Download Graph Sheet Download Level Book

Final Measurements for EST

Sr. No.	Item Code	Item Description	Measurement Date	Item Measurements For	Typical Measurements	No.	Length	Breadth	Depth	Quantity	Remarks by previous Authority	Considered for bill by EE	Remarks	Download Uploaded Documents
1	1.1	Earth work in ordinary soil within 50m, initial lead and 1.5m, initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per direction of the Engineer-in-charge per 100 cum.	15/07/2020	--	--	10.0000	10.0000	10.0000	10.0000	10000.0000		<input checked="" type="checkbox"/>		
2			15/07/2020	--	--	10.0000	10.0000	10.0000	10.0000	10000.0000		<input checked="" type="checkbox"/>		
3			15/07/2020	--	--	10.0000	10.0000	10.0000	10.0000	10000.0000		<input checked="" type="checkbox"/>		

10 Log in with EE (Executive Engineer):

10.1 Go to **BILLING** → **MEASUREMENT INFO** and click on **Measurement Book Entry**.

10.2 EE can change the Measurements and Save. Before finalizing the MB Book, EE has to check 10% of bill Items. Without checking 10% items, EE can not finalize the MB Book.

10.3 For Checking items, check the items from checkbox and click on **Check**.

10.4 Once Checked if one wants to uncheck the item, then uncheck the checkbox and again click on **check**.

10.5 The screen also shows the items that are checked by AE.

IMPORTANT, PLEASE NOTE:
 1. Please Save Data before moving to next/Previous Page . Data will not persist during Next/Previous Page during updation.
 2. No measurement values will be saved on Finalize. Once finalized, you can't modify any measurement values.

Finalize Check Contractor Acceptance Form Download Graph Sheet Download Level Book

Final Measurements for EE

Sr. No.	Item Code	Item Description	Measurement Date	Item Measurements For	Typical Measurements	No.	Length	Breadth	Depth	Quantity	Checked by AE	Is Hidden	10% Check For EE	Remarks	Download Uploaded Documents
1	1.2	Earth work in ordinary soil in embankment, roads, etc. within 50m, initial lead and 1.5m, initial lift including rough dressing and breaking clods to maximum 5cm, to 7cm, and laying in layers not exceeding 0.3m. In depth and as per specification approved by the department along with proper compaction with P.R.R., including hire and running charges of P.R.R., (section measurement to be taken on the finished compacted section of the fill).	16/07/2020	xyz	--	10.0000	10.0000	10.0000	10.0000	80000.0000	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
2			16/07/2020	xyz	--	10.0000	10.0000	10.0000	10.0000	80000.0000	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
3			16/07/2020	xyz	--	10.0000	10.0000	10.0000	10.0000	80000.0000	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
4			16/07/2020	xyz	--	10.0000	10.0000	10.0000	10.0000	80000.0000	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		

Go to **Item Measurements for EE** and Finalize the Measurements.

Note: Bill will be finalized only after the finalization of MB Book.

[Best viewed in Internet Explorer 8+, Mozilla Firefox 36+, Google Chrome 37+]

You are here / Billing / Bill Info

Search Work

Work Number: 213/848

Work Description:

filter Clear

View RA Bill Details By EE

Sr. No.	Work No	Work Description	RA Bill No	RA Bill Date	Details	Cancel	Update Bill	View Bill	Finalize	Finalize for IFMS	Remarks
1	213/848/1	Test Bridge	1	16/07/2020							

11 Bill Tracker:

11.1. Go to **Billing** → **Bill Info** and click On Bill Tracker. Bill Tracking can be done at every phase of Billing , **Here we can Check the status of particular Bill.**

Bill Status

Work Number: * 213/848/1 - Test Bridge

Bill Number: * 1

Show Export

- Junior Engineer 16/07/2020 11:37:08
- Assistant Engineer 16/07/2020 13:22:52
- Auditor 16/07/2020 14:28:20
- DAO 16/07/2020 14:38:34
- Executive Engineer 17/07/2020 15:07:43

12 Draft Extra Items for e-MB:

12.1 Login with EE and Go to **Billing** → **Bill Info** and click On Draft Extra Items for e-MB.

- EE is provided the authority to add extra items against the MB Book if there is a deviation in measurement.
- The bill will be finalised only after taking deviation approval. Click on **Add** to add items.

[Best viewed in Internet Explorer 8+, Mozilla Firefox 36+, Google Chrome 37+]

🏠 You are here / Billing / Bill Info

IMPORTANT,PLEASE NOTE: The Extra Item is to be added through Deviation

Search Work

Parent Work Number	213/843
Parent Work Description	Test road work by saurabh
Work Number	213/843/1
Work Description	Test road work by saurabh

Draft Extra Item

Amount in Rs.

Sr. No.	Item Code	Item Description	Scope	Unit	Rate	Quantity	Amount	Edit	Delete	Select
No Record To Display										
							Total Amount : 0.00			

Copy BoQ **Add** Add Multiple Item Delete All Delete Selected

ADD DRAFT EXTRA ITEM DETAILS

Amount in Rs.

Fields marked with an asterisk * are required.

Department: Works Branch: All SR Zone: --Select-- SR Year: --Select--

Item Type: --Select-- Item: --select--

Item Description:

Item Code:

Unit: --select-- Rate:

Quantity / Measurements: Quantity Measurements

Quantity:

Scope: --select--

Remarks:

Save Cancel

Draft Extra Item

Amount in Rs.

Sr. No.	Item Code	Item Description	Scope	Unit	Rate	Quantity	Amount	Edit	Delete	Select
1	1	Earth work in ordinary soil		--	0.0000	0.0000	0.00			<input type="checkbox"/>
2	1.3	Earth work in ordinary soil in embankment, roads,etc. within 50m. initial lead and 1.5m. initial liftincluding rough dressing and breaking clods to maximum 5cm. to 7cm. and laying in layers not exceeding 0.3m. in depth and as per specifications approved by the department including proper compaction with H.R.R. (section measurement to be taken in the finished compacted section of the fill).		Cubic Meters	31.5000	10.0000	315.00			<input type="checkbox"/>

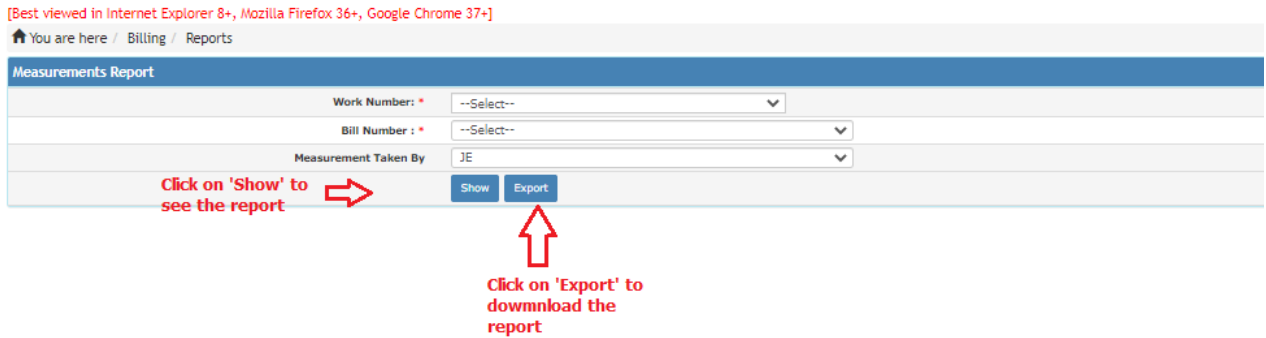
Total Amount : 315.00

Copy BoQ **Add** Add Multiple Item Delete All Delete Selected

Agreement Percentage on Extra Item

13 Measurements Report:

- 13.1. Go to **Billing** → **Reports**. Click on **Measurements**.
- 13.2. Select Work Number, Bill Number, Part and Abstract or Detailed. Click On **Show** to see the report and **Export** to download the report.



- 13.3. Abstract Measurements Report with e-MB watermark and Date and time of printing:

Measurement Book

Division : Test Division Section Officer

Work Details: 213/848/1: Test Bridge

RA Bill Number : 1 RA Bill Date : 16/07/2020

Sr.No.	Item Description	Unit	Agreement Quantity	Measured Quantity	Rate (in Rs)	Amount (in Rs)
1	Earth work in ordinary soil in embankment, roads, etc. within 50m, initial lead and 1.5m, initial lift including rough dressing and breaking clods to maximum 5cm, to 7cm, and laying in layers not exceeding 0.3m, in depth and as per specifications approved by the department along with proper compaction with P.R.R, including hire and running charges of P.R.R. (section measurement to be taken on the finished compacted section of the fill).	cum	10.0000	3.0000	16.5000	49.50
Total			10.0000	3.0000	16.5000	49.50

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13.4. Detailed Measurements Report with e-MB watermark and Date and time of printing:

Measurement Book

Division : Test Division Section Officer

Work Details: 213/848/1: Test Bridge

RA Bill Number : 1 RA Bill Date : 16/07/2020

Sr.No.	Item Description	Unit	Number	Length	Breadth	Depth	Executed Quantity	Upto Date Quantity	Rate (in Rs)	Upto Date Amount (in Rs)
1	Earth work in ordinary soil in embankment, roads, etc. within 50m. initial lead and 1.5m. initial lift including rough dressing and breaking clods to maximum 5cm. to 7cm. and laying in layers not exceeding 0.3m. in depth and as per specifications approved by the department along with proper compaction with P.R.R. including hire and running charges of P.R.R. (section measurement to be taken on the finished compacted section of the fill).	cum	--	--	--	--	320,000.000 0	3.0000	16.5000	49.50
Total							320,000.000 0	3.0000	16.5000	49.50

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14 MB Register Book:

- 14.1. Go to **Billing** → **Reports**. Click on **MB Register Book**.
- 14.2. Select Work Type, Month, Year and Work Category as **Regular** or **Deposit** or **All** and click On **Show** to see the report and **Export** to download the report.

MB Register Book

Work Type *	Buildings	▼
Month	All	▼
Year	2019	▼
Work Category	All	▼

14.3. Measurement Book Register with e-MB watermark and Date and Time of printing.

Measurement Book Register						
Division : Test Division						
SR. No.	Work Number	Name of Work	Contractor Name	Recorded By (Section Officer)	Measurement Book Number	MB Issue Date
1	30/10	M/R to Rest Shed Buildings	AABINAYA KUMAR	RANJAN KUMAR PATRA	65	24/04/2019

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15 Measurement Book Report:

- 15.1. Go to **Billing** → **Reports**. Click on **Measurement Book Report**.
- 15.2. Select Works whose MB's has been issued and finalized from **Work Number**, **Bill Number** and **Measurement Taken By**.
- 15.3. Click on **Show** to See the report and **Export** to download the report.

Measurements Report	
Work Number : *	--Select--
Bill Number : *	--select--
Measurement Taken By	JE
<input type="button" value="Show"/> <input type="button" value="Export"/>	

- Measurement Book Report with e-MB watermark and Date and time of printing

**Form 45 Measurement
Book**

Division: Test Division

Book No: TEST/2020-2021/1

Contractor/Agency: SAGAR SWAIN

Work No : 213/840/1

Work Name: Construction of Express Highway Roads

Earth work in ordinary soil within 50m, initial lead and 1.5m, initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0...

Date	Item Measurement For	Typical Measurement	Number	Length	Breadth	Depth	Total Quantity	Unit	Sign	
									AE	EE
11/07/2020	item1	--	1.0000	2.0000	1.0000	1.0000	2.0000	cum		
11/07/2020	item2	--	1.0000	2.0000	2.0000	1.0000	4.0000	cum		
11/07/2020	item3	--	1.0000	2.0000	2.0000	1.0000	4.0000	cum		
Total Quantity: 10.0000										

e-MB

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21/07/2020 12:08:15

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7/11/20 12:00 AM